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## ABSTRACT

The guide, prepared to supplement the existing curriculum, suggests activities for teachers related to three goals: (1) Self Goal: the student developing an awareness of who he/she is and through effective decision-making what he/she can become; (2) Society Goal: the student becoming aware of the interrelationships of society with his/her school, community, family, work, and leisure; and (3) World of Work Goal: the student becoming aware of the many facets of the world of work. All objectives, the eight student goals, and the activities are coded according to which major goal is emphasized. An outline of the philosophy and concepts of junior high school career education and exploratory work experience is followed by a guide for the integration of career education into any specified course. A major part of the guide consists of 16 science units: animals, astronomy, chemistry, conservation, drugs, ecology, force and machines, geology, human body, light, metric system, plants, magnetism, meteorology, oceanography, and sound. Each unit contains several career related activities, needed resources, and evaluation/outcome. Source lists for audiovisual materials, career and occupational information listed by occupational areas, and locally available field trip sites and guest speakers conclude the guide. (SA)

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# CAREER EDUCATION

Learning with a Purpose

- **Career Related Activities**
- **Audio - Visual Material**
- **Sources of Career and Occupational Information**
- **Field Trip Sites and Guest Speakers**

U.S. DEPARTMENT OF HEALTH  
EDUCATION & WELFARE  
NATIONAL INSTITUTE OF  
EDUCATION

2

CAREER EDUCATION PROJECT  
STATE FAIR COMMUNITY COLLEGE  
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JUNIOR HIGH 7-9 SCIENCE

During 1973 and 1974 in five workshops, a group of teachers from three counties (Saline, Pettis, and Benton) in Central Missouri developed these activity guides. Special appreciation is expressed to all those individuals who participated in this program.

This package is only one step in the direction of developing career education curriculum. It has been revised and will continue to be reviewed and tested as an instrument for use as infusion of career education activities in middle or junior high levels of school.

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## FOREWARD

This guide has been prepared to supplement the existing curriculum.

The activities presented relate to the three Career Education Goals set up by the workshop participants. They are (1) Self Goal (Self): For the student to develop an awareness of who he/she is and through effective decision-making what he/she can become; (2) Society Goal (Soc): For the student to become aware of the interrelationships of society with his/her school, community, family, work and leisure; (3) World of Work Goal (WW): For the student to become aware of the many facets of the world of work. All objectives, goals and activities included in this guide are coded as to which of the three areas they emphasize.

The activities which follow are offered as suggestions. This guide's purpose is not to tell the individual instructor what he or she must do. Rather the guide simply offers an example of what the teacher might do. It is hoped that the teacher will use these materials to infuse career education into the existing curriculum. How the instructor does this will depend upon the interests, talents, abilities and ingenuity of the specific teacher, the students and resources available.

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## CAREER EDUCATION DEFINITION AND DESCRIPTION

There has been a saying used for many years that education is preparation for life. At different points in our nation's history, this point has been overlooked or overshadowed by other interests. It would seem that career education is purposely trying to once again provide this type of education.

Career development, which is a lifelong process, begins at a very early age. Even the pre-schooler does role playing. As a child enters formal education, he should continue a step known as the Awareness Stage. This usually covers pre-school through grade six. The second is the Exploration Stage, which covers the middle or junior high level. The third is the Preparation Stage. This covers a time period as long as necessary for the individual to acquire the skills and knowledge needed to enter and progress through his occupational career.

The educational climate today indicates a growing awareness on the part of increasing numbers of people that living in the most advantageous vocational niche is one of the most critical of cultural aspects to man and society. This is the climate that has given impetus to the concept of career development. The great scientific and technical advances in our country have brought about the age of automation--an age in which every person is a specialist. This is true of both the college-educated person and the worker who terminates his education with graduation from high school. Virtually every person, man or woman, college student or not, is involved in earning a living. Education, then, should provide meaningful, significant experiences designed to equip the individual for work in which he will be successful and properly challenged in accordance with his specific aptitudes, interests and total personality. In the case of these individuals who will eventually graduate from college, the function of the school is an interim step. For many others, high school may be the only formal preparation for a lifetime of work and living.

Career education says: Each individual should be led to develop his own work values after becoming fully aware of the alternatives and the impercations, rather than have them dictated.

"Career" itself is a confusing term. To us, it refers to the sum total of all the work done by a person in his lifetime. It differs from an occupation in that an occupation is a component of a career at a point in time.

Career education, then, attempts to help students understand the work ethics imposed by society; develops their work values based on their own personal interests in full awareness of society's demands; helps them become aware of the world of work and its values, prepares for, and ultimately begins and pursues a career, including the possibility of occupational change and the hope for productive use of leisure during that career.

## PHILOSOPHY

The interests of the junior high student revolve around the home, school and peer group. Through a study of society, self and the world of work, these students begin to see themselves as an integral part of a working whole. Career education brings relativity to the classroom. Career education seeks to give the student a firm foundation in the basic skills of education—the ability to read, write, communicate and calculate.

## CONCEPTS

1. Explore and become aware of the many kinds of careers available.
2. Realistically appraise career selections according to his present abilities and interests.
3. Understand that each person is an individual with different capabilities, needs, interests and values.
4. Recognize the value and interdependence of each job choice.
5. Realize that work in school is directly related to future job success.
6. Realize the satisfaction that should be inherent in job choices and in leisure time pursuits.
7. Realize that the cultural and social attitudes of his heritage will not necessarily limit his job choices.
8. Realize that the world is in constant change just as his own abilities, interests and expirations change and will therefore explore many occupational possibilities during his maturation process.
9. Appreciate the responsibility he has to use his potential to contribute to the work force and to wisely use his leisure time to better the standards of cultural and recreational pursuits of his society.
10. Career preparation is not limited to a study for a specific career but necessarily includes all areas of study that broaden his mind and expand reasoning power so that he can make suitable choices in all phases of adult life.



## EXPLORATORY WORK EXPERIENCE

Exploratory Work Experience is essentially a career guidance program being offered to seventh, eighth and ninth grade students in the ten participating school districts. It allows the student to observe and to "try out," in a limited way, a variety of conditions of work in one or more professional or vocational fields for the purpose of determining his suitability for such field or fields. Inasmuch as he is not expected to be productive as an employee, he receives no remuneration for participation on the exploratory program. Whatever benefits do accrue to the business in which the student is placed are usually offset by the time expended by his job supervisor (employer) in teaching and directing activities.

After a tentative career choice has been reached, the motivation to preserve and attain his career goal is enhanced. While involved in exploratory work experience, a participant may arrive at such a tentative career goal through a flexible process of deciding negatively as well as positively about possible careers.

Work exploration is essential to any student who plans to invest a significant amount of time and money in the preparation (continued education) for a career. It is beneficial to all students because most will find themselves at one time or another a part of the world of work, even if the position is part-time or temporary. This real experience can reduce the number of people who learn too late they chose the wrong career.

Such a program was initiated in eight of the ten participating school districts in the summer of 1974 with ninth grade students only. This program will be continued in 1974 and enlarged to incorporate eighth grade students as well as ninth grade students from the participating schools.



## STUDENT LEARNING GOALS

### Appreciations and Attitudes

Appreciate all forms of human endeavor and work.  
Understand the impact of work in one's life and resulting need to make a meaningful career choice.  
Relate attitudes and awareness to a specific or a related job.  
Understand the importance of all careers and their contribution to society.

### Self Awareness

Choose a career as related to interests and abilities.  
Develop self-perception of abilities and interests as related to actual career requirements.  
Build reality awareness perception of "where I am compared to where I want to be."  
Related personal values and influence of other's values on career choice.

### Decision Making

Weigh long and short range effects of different alternatives to specific problems. Apply decision-making process to study of careers. Analyze and refine previous career decisions based on counseling, work experience and all available information.  
Select a career for in-depth analysis.

### Educational Awareness

Identify and understand values as they relate to lifestyle.  
Identify present lifestyle and conditions determining that style.  
Determine a tentative personal schedule to acquire necessary and desired special skills.  
Acquire special skills needed for predicted or desired lifestyle.

### Career Awareness

Understand the relationships between attitudes and values and careers.

### Economic Awareness

Develop the concept of management of finances (earning, spending, borrowing, savings).  
Understand economic potential as related to careers, i.e., relate cost of entering a field to future expected income.  
Understand the tools of business: Read and interpret tables, graphs, and charts used as a consumer.  
Relat: legal and financial consideration to careers in general.

### Skill Awareness

Master the use of tools and processes used in research in the physical and social sciences. Understand the use of tools in selected careers. Use basic tools found in careers.

Match necessary skills and processes with selected careers.

Match individual abilities and interests with skills and processes needed in careers.

### Employability Skills

Understand the social and personal relationship and their effect on employment.

Understand the skills necessary to acquire, maintain, and progress in employment.

Relate personal and social interaction skills to careers.

Develop personal and social interaction skills related to in-depth study of one career.

GENERAL GUIDE FOR INTEGRATING CAREER EDUCATION  
INTO ANY SPECIFIED COURSE

Step 1

The teacher decides on the range of careers in each unit, section, or chapter

Step 2

The teacher makes a plan for introducing related careers when appropriate by the following methods:

- (a) student research into careers using reference materials
- (b) student development of occupational clusters
- (c) guest speakers
- (d) field trips
- (e) role playing
- (f) class or group discussions
- (g) written or oral reports

Step 3

The teacher should make a concentrated effort to relate the regular classroom instruction to what is needed to succeed in the working world. To be successful, a student should:

- (a) learn cooperation
- (b) understand own worth as a unique person
- (c) understand the necessary interdependence that exists in groups
- (d) think and reason abstractly and concretely
- (e) form solid analyses
- (f) form opinions and make plans creatively and realistically
- (g) approach problems systematically and realistically
- (h) achieve and experience success in his work
- (i) follow directions closely and accurately
- (j) learn to accept responsibility for himself and his work
- (k) assume the responsibility of developing good attendance habits
- (l) utilize his time effectively
- (m) develop good study habits
- (n) develop within the student an appreciation and understanding of the work ethic—there is dignity in all forms of work

## SCIENCE

<u>Major Units of Study</u>	<u>Page</u>
Animals	3
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Magnetism	15
Geterology	16
Oceanography	17
Sound	18

### Career Education Objectives

- |                   |  |
|-------------------|--|
| WW                | 1. For the student to become aware of occupations related to the field of science. |
| WW                | 2. For the student to become aware of salaries of various occupations.             |
| Self &<br>Society | 3. For the student to become aware of how fields of science affects him or her.    |

GRADE LEVEL OR SUBJECT      Science      ARFA OR UNIT OF STUDY      Animals

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW	1. Field trip to zoo and follow-up discussion of care of animals.	1. Zoo	1. The student will become aware of possible jobs that are related to care of zoos and zoo animals.
WW	2. Have a veterinarian visit and describe some of the jobs he performs and people who assist him--if possible, class might be allowed to observe a simple operation in the room or if not back at clinic.	2. Veterinarian	2. Student will know some of the functions of a vet and of other jobs related to veterinarian science.
Soc	3. Discussion of reasons for protecting certain animals or setting limits on game animals. Discuss jobs of setting limits and what different science knowledge is necessary to do this type of job.	3. (State) <u>Wildlife Code Book</u> and <u>Conservation Agent</u>	3. Students will develop an appreciation for animal life and be aware of jobs related to the protection of animals.

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CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW	1. Student will be visited by an astrologist who will discuss with the students how astrological charts are figured and the training needed for it.	1. Astrologist, trade books in the field of Astrology	1. Student will be able to list the components in writing an astrological chart and the training needed.
Soc	2. Student will be visited by a physicist who will explain the movement of heavenly bodies and his training in this field.	2. Physicist, astronomer	2. Student will be able to indicate a knowledge of the movement of heavenly bodies.
WW	3. Student will be visited by a navigator who will explain how he used knowledge of astronomy.	3. Navigator	3. Student will be able to list the knowledge of astronomy needed by a navigator.
WW	4. Student will view films and review material from National Aeronautics and Space Administration	4. NASA	4. Student will be able to report on jobs in the field of astronomy with NASA and the duties of each.

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CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
Soc 1.	The students will meet with the local pharmacist and discuss how chemistry is used in a drug store.	1. Field trip to a pharmacy	1. The students will learn how chemistry is involved in a drug store operation.
Soc 2.	F.D.A. Lab Field trip to Kansas City	2. Field trip to F.D.A. Laboratory	2. The students will learn how chemistry is used by F.D.A. inspectors.
Soc 3.	The students will have a guest speaker, a paint salesman speak on the use of various chemicals in paint.	3. Paint Salesman	3. The students will learn how chemistry is used in the paint industry.
Soc 4.	M.F.A. representative will speak to students on the use of chemicals in Agriculture.	4. M.F.A. representative	4. The students will learn how chemistry is used in the Agricultural industry.

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW 1. Trip to (paper) recycling center.		1. Trip to paper recycling center	1. The student will be aware of the machinery and jobs in recycling paper.
Soc 2. Explanation and discussion of how other things are reused.		2. Sanitation Agent or Director Trip to city landfill or dump Salvage yard	2. The student should be made aware of the reason why he should recycle and of jobs related to recycling.
WW & 3. Bird Study (Bird watching) Soc		3. Audubon Kit	3. The student will be aware of jobs related to maintaining animal populations and setting code limits and methods of the individual as well as occupations related to protection of endangered species. Recreation value should be developed.

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW	1. Students will be visited by a pharmacist who will explain his use of drugs.	1. Local pharmacist	1. Students will be able to list the requirements of drug knowledge for becoming a pharmacist.
WW	2. Students will be visited by police drug investigator who will explain aspects of job.	2. Police Department	2. Student will be able to list training for drug investigator and places of employment.
Soc	3. Students will be visited by police Dog Handlers	3. Police Department	3. Student will learn how dogs are used in drug traffic.
Soc & WW	4. Students will interview the following to discover their involvement and knowledge of drugs: a. Nurse b. Dr. of Medicine c. Dentist d. Lab Technician	4. People in field (not necessarily field trip person could be family doctor)	4. Student will be able to list at least 3 aspects of nurses, doctors, dentists and lab technicians knowledge of drugs

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
Soc & WW	1. Develop awareness of the jobs and practices related to wildlife management. Film: "Endless Chain" Atomic Energy Commission, Oak Ridge, TN	1. Field trip to Knob Noster State Park	1. The student should be able to list at least three types of wildlife management related occupations at the end of whole unit.
WW	2. Awareness of the process of stocking lakes and streams and of other jobs related to fisheries.	2. Trip to Blind Pony Wildlife Area (Sweet Springs)	2. Describe some responsibilities of two or more jobs related to fishery work.
WW	3. Agent in to describe soil conservation methods and jobs related to this.	3. Conservation Agent	3. Poster contest projects
Soc	4. Trip to water plant for tour of treatment	4. Water plant	4. Describe water management methods that each person could conduct in report.
Soc	5. Trip to large manufacturer to be made aware of pollution protection device.	5. Factory	5. Report on jobs related to this industry.

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
Soc 1.	Students will build a plastic V-8 motor	1. Edmonds Scientific Catalog, hobby shop	1. Students will know the uses of a V-8 motor and how it works.
WW 2.	Students will visit a newspaper.	2. Local newspaper	3. The student will be able to list four ways a printer uses force.
WW 3.	Student will view how machines are used in production assembly lines.	3. Local factory (Coca-Cola)	3. Student will be able to list how force is used in factory assembly line.
Soc 4.	Student will visit school shop to see how a carpenter uses simple machines. a. Wedge b. Wheel and axle c. Pulley d. Inclined plane e. Lever	4. School shop, carpenter	4. Student will be able to classify simple machines and their uses.

CAREER RELATED ACTIVITIES

RESOURCES

EVALUATION/OUTCOME

Soc 1. Students will be visited by a representative of oil company - explanation of geological knowledge needed for dealing in oil.

Soc 2. Students will take field trip to dam to visit resident geologist

Soc 3. Students will take field trip to rock quarry

WW 4. Student will view film

Soc 5. Student will visit site of road construction

1. Pan-handle Eastern or any local oil engineers

2. Truman Dam or local dam

3. Local rock quarry

4. Sources: Oak Ridge, TN, Shell Oil

5. Missouri Highway Department, contact engineers such as Howard Construction

1. Student will be able to write report on geological aspects of oil industry.

2. Student will be able to recognize three types of rock formations.

3. Student will be able to report methods of rock removal (combined with evaluation Number 2)

4. Student will be able to list three occupations viewed in film and the responsibilities.

5. Student will be able to recognize core samples (similar to evaluation Number 2)

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GRADE LEVEL OR SUBJECT Science AREA OR UNIT OF STUDY Human Body

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW 1. Trip to a doctor or dentists' office and have him explain his responsibilities and other people that assist and are necessary for him to perform his functions.	1. Doctor, dentist, nurse or receptionist	1. The student will become aware of how a knowledge in health care for the body could relate to job that might be of interest to some students.	
WW 2. Field trip to hospital to examine the wide range of occupations related to the operation of a hospital	2. Local hospital (staff member)	2. The student will be made aware of occupations related to hospital operations (many of which do not require college as well as those that require some college)	
Self & Soc 3. Demonstration on splinting, artificial respiration or bandaging and why these are or could be important to each person.	3. Have a coach or someone with a first aid certificate	3. Students are made aware that they might need to perform these lifesaving operations.	

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GRADE LEVEL OR SUBJECT      Science      AREA OR UNIT OF STUDY      Light

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
Soc 1.	The students will visit a local hospital laboratory.	1. Hospital lab. colorimeter	1. The students will learn how a colorimeter is used by a lab technician.
Soc 2.	Film - The students will view a film on lasers.	2. "Laser, Light Fantastic" Union Carbide Modern Talking Pictures	2. The students will learn how light is used in communications.
WV 3.	Field trip - The students will take a field trip to an optician's office	3. Optometrist	3. The students will learn how light is involved in manufacturing lenses.

CAREER RELATED ACTIVITIES	RESOURCES	EVALUATION/OUTCOME
<p>Soc 1. The students will bring various items from home such as cans or other materials which have metric units stamped on them as well as English units. They will discuss how the metric system will affect their daily lives in their various activities.</p>	<p>1. Various articles with metric equivalents stamped on them.</p>	<p>1. The student will learn the influence the metric system will have on their daily lives.</p>
<p>Soc 2. The students will visit a Volkswagen repair shop.</p>	<p>2. Mechanic</p>	<p>2. The student will learn how the metric system is used in industry.</p>
<p>WW 3. The students will demonstrate various occupations and how the metric system is useful to each.</p>	<p>3. Reference books</p>	<p>3. The students will learn how the metric system is used in at least three occupations.</p>

GRADE LEVEL OR SUBJECT Science AREA OR UNIT OF STUDY Plants

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW	1. Study flowers and flower parts and the values (economic) of flower production	1. Florists, farmers	1. Student will express three or more jobs related to buying, selling, and producing flowers.
WW	2. Discussion of types of plants and the need for each type and jobs related to plant production. Jobs related to development of new plants.	2. Ag teachers, seed dealer, salesman, farmer	2. Student will be aware that there are many jobs related to plant knowledge and list some of these.
WW	3. Discussion of jobs related to (plant) food production and processing. Visit to Del Monte, Libby or local processor.	3. Factory food processor Mother of student who cans Workers of varied types in cannery	3. Student will have knowledge of the varied jobs directly or indirectly related to food processing.

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
Soc 1.	The students will take a field trip to a scrap metal yard.	1. Crane operator	1. The student will learn how magnets are used in a scrap yard.
Soc2 2.	The students will build a model space craft.	2. Model Kit	2. The students will learn how magnets are used in guidance systems of space craft.
WW 3.	The students will demonstrate various ways magnets are used in occupations.	3. Magnets textbooks	3. The students will learn how magnets are used in at least three occupations.

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
WW	1. Students will be visited by a weatherman.	1. Local weather fore-caster	1. Student will be able to list the educational requirements and work requirements of a weather forecaster.
WW	2. Students will be visited by an Air Traffic Controller who will explain how his knowledge of weather affects his work.	2. Local Airport (Whiteman AFB)	2. Student will be able to list how a ATC uses meteorology in his work.
Soc	3. Students will be visited by a navigator who will discuss how weather affects his work.	3. Local Airport (Whiteman AFB)	3. Students will be able to list the knowledge of meteorology a navigator must know.
Soc	4. Students will take a field trip to airport	4. Metropolitan airport	4. Student will be able to report on weather equipment and meteorology employees at an airport.

CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
<p>WW 1. Students will be visited by fresh-water biologist working at Lake of the Ozarks - also perhaps field trip to site of his work.</p> <p>Soc 2. Students will construct a self-contained aquarium using plants, etc.</p> <p>WW 3. Students will view film.</p>		<p>1. Conservation Commission lake</p> <p>2. Reference books, biology supply house</p> <p>3. Film title: "Oceanography" from Modern Talking Pictures</p>	<p>1. Student will be able to list educational requirements and duties of fresh-water biologist.</p> <p>2. Students will be able to write a report indicating an understanding of the life of species, interdependence of species, food needs, etc.</p> <p>3. Student will be able to report on how ocean life affects and possible occupations available because of the existence of the ocean.</p>

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CAREER RELATED ACTIVITIES		RESOURCES	EVALUATION/OUTCOME
Soc 1.	Field trip - The students will take a field trip to an audiologist's office.	1. Belltone Hearing Aids Audiologist (Sedalia)	1. The students will learn how they are able to hear sound.
Soc 2.	The students will demonstrate the use of sounds as applied to music.	2. Musician, glasses with different amounts of water.	2. The students will learn how sound is involved in the field of music.
Soc 3.	Visit to a telephone station	3. Telephone repairman	3. The students will learn how sound is carried through electrical circuits.



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AUDIO - VISUAL MATERIAL

JUNIOR HIGH A-V MATERIALS

Books

Call No.

LB  
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.C37  
1973      Career Education in the Middle/Junior High School, Olympus Publishing Company. Third in the series of "how to do it" books, aimed at the junior high level. Circulation period 3 weeks. Teachers 7-12.

Career Development Activities, Howard W. Sams and Company, Inc. A manual of suggestions for activities to be used to integrate career development activities with traditional subject matter. Instructor's guide included. Circulation period 4 weeks. Teachers 7-12.

Occupations and Careers, Webster Division, McGraw-Hill Book Company. Textbook designed for courses in occupations or as a reference to counselors and their students. Circulation period 3 weeks. Grades 7-12.

Manpower and Economic Education, Love Publishing Company. Includes units on the individual and the nature of work, the economic world, the manpower market, career opportunities in the American economy and technology, skills and investment in education. Circulation period 3 weeks, suggested for teachers, counselors and administrators.

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E35      Mathematics for Career Education with teacher's guide, Charles E. Merrill Publishing Company. Developed for students interested in practical mathematics. Circulation period 4 weeks, suggested for teachers of remedial classes, shop classes and union apprentice programs.

HF  
5381  
.S864      Viewing Your Career, Pendulum Press. Eight chapters covering different aspects on careers such as: choosing a location, part-time jobs, full-time jobs, labor unions, etc. Circulation period 2 weeks, suggested for teachers, counselors and administrators.

P  
90  
.H36  
1974      The World of Communications: Visual Media, McKnight Publishing Company. This text is divided into readings intended to increase the students' perception by having them recognize problems. Circulation period 3 weeks, suggested for teachers, counselors and administrators.

NVGA Bibliography of Current Career Information, 1973 Edition,  
National Vocational Guidance Chronicle, Division of APGA.  
Contains a current career literature listing, career film  
reviews and a publisher's index. Circulation period 2  
weeks, suggested for students, teachers, counselors and  
administrators.

HF  
5381  
.P43

Perspectives on Vocational Development, American Personnel and  
Guidance Association. Contains five parts: introducing  
vocational development (2, 3, 4) discussing vocational  
development theory in the past, present and future also  
special applications. Circulation period 4 weeks, suggested  
for teachers, counselors and administrators.

TD  
148  
.C47

Clean Streets, Clean Water, Clean Air.

TH  
4811  
.N36

New House, New Town.

The Maturity of Vocational Attitudes in Adolescence.

T  
65  
.S39

Teaching Children about Technology, McKnight Publishing Company.  
A three-part text to help teachers teach students about the  
complexities of industry. Circulation period 2 weeks,  
suggested for junior high and high school teachers.

Exploring Careers in Child Care, McKnight Publishing Company.  
Prepared for use in some educational programs. Circulation  
period 3 weeks, suggested for home economics teachers.

General Drafting, McKnight Publishing Company. A sample text  
for beginning drafting with 75 units to give the student  
a brief overview of a variety of construction techniques  
dealing with mechanical and architectural drafting. Circu-  
lation period 2 weeks, suggested for beginning drafting  
students.

Multi-Media Storage Catalog, American Personnel and Guidance  
Association. A publications program providing periodicals,  
books, films and cassette tapes to order. Circulation period  
1 week, suggested for teachers, counselors and administrators.

Consumer Purchasing, Consumer Education. Seven chapters showing the consumer various situations of consumer spending and explaining the when, where and why's of the money involved. Circulation period 2 weeks, suggested for grades 9-12.

Career Education Program, Volume II, Houghton Mifflin Company. This notebook consists of a sequence of detailed lesson plans accompanied by duplicating masters and transparencies to reinforce a student's knowledge and understanding of the world of work. Circulation period 3 weeks, suggested for grades 7-9.

Career Exploration and Planning, includes teacher's manual and student workbook, Houghton Mifflin Company. It approaches career development by stressing students' self-awareness and understanding of their own talents and interests. Circulation period 4 weeks, suggested for grades 8-12.

The Waiter and Waitress Training Manual, Institutions/Volume Feeding Magazine. A six-part guide for serving food in a restaurant with a quiz at the end. Circulation period 2 weeks, suggested for teachers, counselors and administrators.

Ginny the Office Assistant, McGraw-Hill Book Company.

### Developing Students' Potentials

Introduction to Occupations, Instructional Materials Laboratory. This material is designed to provide guidelines for teachers helping young persons learn about decision-making in the area of occupational choice. Circulation period 3 weeks, suggested for junior high students.

Job Application and Interviews, Instructional Materials Laboratory. Divided into nine chapters which cover such areas as career opportunities, self-evaluation, job interview, tests and forms, money management, etc. Circulation period 4 weeks, suggested for teachers, counselors and administrators.

Phil the File Clerk, McGraw-Hill Book Company.

My Career Guidebook, includes counselor's and teacher's manual, Benziger Bruce and Glencoe, Inc. A sample guidebook that contains sections devised to help the users prepare themselves for a career. Circulation period 2 weeks, suggested for high school students, teachers, counselors and administrators.

How to Get a Job, Benziger Bruce and Glencoe, Inc. This book is designed to teach a person how to hunt for the job he wants successfully. Circulation period 1 week, suggested for high school students, teachers, counselors and administrators.

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.S865

How to Choose Your Work, Benziger Bruce and Glencoe, Inc. Divided into three parts: (1) What do you want to do? (2) What can you do? (3) Kinds of work available to you. Circulation period 1 week, suggested for high school students, teachers counselors and administrators.

The Parents' Role in Career Developments, the National Vocational Guidance Association. To enable parents to help their children find their occupational careers. Circulation period 1 week, suggested for teachers, counselors and administrators.

Guidelines for the Preparation and Evaluation of Career Information Media, National Vocational Guidance Association. A set of guidelines for filmstrips, films and occupational literature. Circulation period 2 weeks, suggested for teachers, counselors and administrators.

Career Mathematics: Industry and the Trades, teacher's edition, Houghton Mifflin Company.

Mathematics for Daily Living, with workbook, McCormick-Mathers.

#### Kits

<u>Call No.</u>	<u>Kit</u>
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KT CE1	Duo-Media Career Education Kit, Career Education Associates. Cassette and photo-guide, sample copy on Physician's Assistant. Circulation period 2 weeks. Grades 7-12.
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KT CE4	Career Awareness Program (Featuring Popeye the Sailor), King Features Education Division. Full-color comic books covering 15 career clusters with poster, class career awareness bingo game, teaching guide. Circulation period 3-5 weeks. Grades 4-8.
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**BEST COPY AVAILABLE**

KT Job Experience Kit, Science Research Associates, Inc. Work simula-  
CE5 tion experiences in 20 self-contained kits (may be checked out  
singly if kit is not in use). Circulation period 1 week.  
Grades 7-11.

**Occupations include:**

Appliance Serviceman  
Plumber  
Carpenter  
Draftsman  
Electronic Technician  
Accountant  
Medical Technologist  
Truck Driver  
X-ray Technician  
Designer

**Beautician**  
**Secretary**  
**Veterinarian**  
**Librarian**  
**Lawyer**  
**Police Officer**  
**Elementary School Teacher**  
**Automatic Mechanic**  
**Motel Manager**  
**Salesperson**

**KT**      **The Changing Work Ethic, Guidance Associates. Two filmstrips with**  
**CE6**      **cassettes and discussion guide. Part I--You and Work; Part**  
            **II--Work and Society. Circulation period 1 week. Grades 7-12.**

**KT** World of Work: Readings in Interpersonal Relationships, McGraw-  
**CE12** Hill Book Company. Fifty illustrated fiction stories of four  
pages each to acquaint the reader with job-worker situations.  
Multiple choice, short answer and discussion questions are  
provided. Circulation period 4 weeks. Grades 8-12.

KT Educator's Kits, Let's Save the Children, Inc. Units based on  
CE16 experiences of popular black personalities (Roberta Flack,  
Issac Hayes, The Jackson Five, Nikki Giovanni, Flip Wilson,  
The Staple Singers, Marvin Gaye, Rev. Jesse Jackson.) Includes  
books, teacher's guide, puzzles and coloring books. Circula-  
tion period 4 weeks. Grades K-8.

**KT** Career Education Program, The New York Times: Guide for using the  
**CE22** New York Times School Service in the classroom, includes career awareness material. Circulation period 2 weeks. Grades 7-12, especially of interest to English and Social Studies.

KT World of Work, Part I, Eye Gate. Eight filmstrips with cassettes  
CE23-I covering eight areas of employment, also includes teacher's  
guide. Circulation period 1 week, suggested for junior high  
and secondary students. (Educable Mentally Retarded)

**Titles include:**

## What is Your Future in the Changing World of Work?

## Receptionist

## Electrician

## Automobile Mechanic

## Printer

## TV and Radio Repair

## Sheet Metal Worker

## Tool and Die Maker

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**KT**  
**CE23-II**      **World of Work, Part II, Eye Gate. Six filmstrips with cassettes covering six areas of employment, also includes teacher's guide. Circulation period 1 week, suggested for junior high and secondary students. (Educable Mentally Retarded)**

**Titles include:**

**Automotive Sales Representative  
Cook  
Data Processing Clerk  
Sheet Metal Worker - Building Trades  
Medical Assistant  
Real Estate Sales**

**KT**  
**CE24**      **Education for Occupations, Eye Gate. Eight filmstrips with cassettes covering eight areas of employment. Circulation period 1 week, suggested for junior high and secondary students. (EMR)**

**Titles include:**

**Working in a Service Station  
Working in a Supermarket  
Working in the Printing Industry  
Working in the Food Services  
Working with Business Machines  
Working in Manufacturing  
Working in Building Maintenance  
Working in a Hospital**

**KT**  
**CE25-A**      **Career Education, Series A, Interpretive Education. Five filmstrips with cassettes and teacher's manual. A multi-media approach designed to give the student a broad, general overview of jobs in the service, factory, sales and distributive areas. Circulation period 1 week, suggested for secondary.**

**Titles include:**

**Introduction to Careers  
Service Jobs**

**KT**  
**CE28**      **Compulearn Career Education Program, Random House. A battery-operated console used with program cards. Helps students progress through series of questions on interests, career information, etc. Includes educator guides, student guides, bibliographies, career index, console and program cards. Circulation period 3 weeks. Grades K-12.**



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Book Series

Call No.

Early Career Books, Lerner Publications Company.

S  
494.5  
A4  
B45  
1974

Careers in Agriculture

HD  
9710  
A2  
B46  
1974

Careers in Auto Sales and Service

LB  
2832  
B46

Careers in Education

QL  
50.5  
B46  
1974

Careers in Animal Care

JS  
155  
B45  
1974

Careers with the City

S  
944  
B46  
1974

Careers in Construction

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### Periodicals

<u>Volume and Number</u>	<u>Name Publisher</u>
	CAREER WORLD, Curriculum Innovations, Inc. Circulation period 2 weeks, suggested for 7-12.
	Major topics covered:
I-2 Oct. 72	Engineers and Engineering Technicians
I-3 Nov. 72	Communications and Media Home Economics Careers in the Building Trades
I-4 Dec. 72	Air Transportation Business and Office
I-5 Jan. 73	Careers in Psychology
I-6 Feb. 73	Opportunities in the Criminal Justice System Apprentice Training
I-8 Apr. 73	Health Careers
I-9 May 73	Oceanography Insurance Careers
II-5 Jan. 74	Computer Careers and Other White Collar Jobs Electronic Technicians Tool and Die Makers
II-6 Mid-Feb. 74	Working for Uncle Sam
II-7 Mid-March 74	Jobs in Journalism
II-8 Mid-April 74	Marketing and Distribution
II-9 Mid-May 74	Agribusiness
March 74	EMPHASIS, Career Education, Emphasis, Inc. Circulation period 2 weeks. Grades 9-12. Major emphasis - Careers in Allied Health Fields.
Mar. 74 April/May 74	CAREER EDUCATION DIGEST, Educational Properties, Inc.

Filmstrips

FS  
CE1

Are You Looking Ahead? Eye Gate. Ten filmstrips with a teacher's manual designed to prepare students mentally, socially and emotionally for the world of work. Circulation period 1 week. Grades 7-12.

**Titles include:**

Do You Like Flowers?  
Do You Like Sports?  
How About Being a Key Punch Operator?  
Do You Love Animals?  
Would You Like to Be a Cashier?  
How About Office Work?  
How About Being an Electronics Assembler?  
Would You Like Hospital Work?  
Want to Work in a Laundry?  
Would You Like to Sell?

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Posters

Call No.

- PA Career Posters, Minnesota Department of Education. Posters show-  
CE1 ing careers in various areas related to subjects listed  
below and further divided according to amount of education  
necessary for each. (laminated to add more careers in spaces  
provided) Circulation period 4 weeks. Grades 6-12.
- PA Industrial Education Careers  
CE2
- PA English Careers  
CE3
- PA Social Studies Careers  
CE4
- PA Agricultural Science Careers  
CE5
- PA Science Careers  
CE6
- PA Business Careers  
CE7
- PA Mathematics Careers  
CE8
- PA Distributive and Marketing Careers  
CE9
- PA Music Careers  
CE10
- PA Art Careers  
CE11
- PA Home Economics Careers  
CE12
- PA Physical Education and Health Careers  
CE13
- PA Foreign Language Careers  
CE14
- PA Guidance Publications Chronicle Posters. Nine different posters  
CE17 representing various types of work. Circulation period 4  
weeks. Grades 7-12.

## BEST COPY AVAILABLE

If you visit the Career Education Audiovisual Library in the Learning Resource Center, you will be able to locate materials more quickly by noting the color-coded labels. All of the materials other than books and periodicals are color-coded. The color and code is as follows:

<u>Item</u>	<u>Code</u>	<u>Color</u>
Kit (a combination of two or more media designed to be used as a unit)	KT	Black
Cassettes	CT	Red
Posters, Charts	PA	Orange
Filmstrips	FS	Green
Games, Puzzles	GA	Blue
Realia (actual objects or specimens)	RE	Brown

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# SOURCES of CAREER and OCCUPATIONAL INFORMATION

SOURCES OF CAREER AND OCCUPATIONAL INFORMATION

Listed below are recognized sources of accurate and relevant career information for each of the occupational areas. These materials can be obtained without charge.

Accounting - For more information write:

National Society of Public Accountants  
1717 Pennsylvania Avenue  
N.W., Washington, D.C. 20006

American Institute of Certified  
Public Accountants  
666 Fifth Avenue  
New York, New York 10019

Accounting Career Council  
National Distribution Center  
P.O. Box 650, Radio City Station  
New York, New York 10019

National Association of Accountants  
305 Park Avenue  
New York, New York 10022

Financial Executives Institute  
50 West 44th Street  
New York, New York 10036

The Institute of Internal Auditors  
170 Broadway  
New York, New York 10038

Advertising, Marketing, and  
Public Relations - For more information  
Write:

American Association of Advertising  
Agencies  
200 Park Avenue  
New York, New York 10017

American Advertising Federation  
1225 Connecticut Avenue  
N.W., Washington, D.C. 20036

American Marketing Association  
230 North Michigan Avenue  
Chicago, Illinois 60601

Public Relations Society of America, Inc.  
845 Third Avenue  
New York, New York 10022

Association of Industrial Advertisers  
41 East 42nd Street  
New York, New York 10017

Small Business Administration  
Washington, D.C. 20416

American Marketing Association  
230 North Michigan Avenue  
Chicago, Illinois 60601

Public Relations Society of America, Inc.  
845 Third Avenue  
New York, New York 10022

Service Department  
Public Relations News  
127 East 80th Street  
New York, New York 10021

Aerospace and Aviation -  
For more information write:

American Institute of Aeronautics  
and Astronautics  
1290 Avenue of the Americas  
New York, New York 10019

Air Transport Association of America  
1000 Connecticut Avenue  
N.W., Washington, D.C. 20036

General Aviation Manufacturers Association  
1025 Connecticut Avenue  
N.W., Washington, D.C. 2-036

Agribusiness and Natural Resources -  
For more information write:

American Farm Bureau Federation  
25 Touhy Avenue  
Mark Ridge, Illinois 60068

American Society of Agricultural  
Engineers  
2950 Niles Road  
St. Joseph, Michigan 49085

American Society of Animal Science  
39 Sheridan Avenue  
Albany, New York 12210

The Wildlife Society, Ste. S-176  
3900 Wisconsin Avenue  
N.W., Washington, D.C. 20016

National Forest Products Association  
1619 Massachusetts Avenue  
N.W., Washington, D.C. 20036

Automotive - For more information write:

Educational Affairs Department  
Ford Motor Company  
The American Road  
Dearborn, Michigan 48121

General Motors Corporation  
Room 1-101, General Motors Building  
Detroit, Michigan 48202

Architecture - For more information write:

Association of Collegiate Schools  
of Architecture  
1785 Massachusetts Avenue  
N.W., Washington, D.C. 20036

The American Institute of Architects  
1735 New York Avenue  
N.W., Washington, D.C. 20006

The American Institute of Architects  
1785 Massachusetts Ave. N.W.  
Washington, D.C. 20036

Banking, Finance, and Investment -  
For more information write:

The American Bankers Association  
1120 Connecticut Avenue  
N.W., Washington, D.C. 20036

Investment Counsel Association of  
American, Inc.  
127 East 59th Street  
New York, New York 10022

National Consumer Finance Association  
1000 - 16th Street  
N.W., Washington, D.C. 20036

National Association of Bank Women, Inc.  
National Office  
111 E. Wacker Drive  
Chicago, Illinois 60601

National Bankers Association  
4310 Georgia Avenue N.W.  
Washington, D.C. 20011

Federal Deposit Insurance Corporation  
Director of Personnel  
550 17th St. N.W.  
Washington, D.C. 20429

Business and Office Services -  
For more information write:

Administration Management Society  
Publications Department  
Willow Grove, Pennsylvania 19090

American Management Association  
135 West 50th Street  
New York, New York 10020

National Association of Purchasing  
Management  
11 Park Place  
New York, New York 10001

National Secretaries Association  
(International)  
616 East 63rd Street  
Kansas City, Missouri 64110

Communication and Media -  
For more information write:

American Newspaper Publishers  
Association Foundation  
750 Third Avenue  
New York, New York 10017

Sigma Delta Chi, National Professional  
Journalism Society  
35 East Wacker Drive  
Chicago, Illinois 60601

Education Council of the Graphic  
Arts, Inc.  
4615 Forbes Avenue  
Pittsburgh, Pennsylvania 15213

Modern Language Association  
60 Fifth Avenue  
New York, New York 10011

American Library Association  
50 East Huron Street  
Chicago, Illinois 60611

National Association of Broadcasters  
1771 N Street  
N.W., Washington, D.C. 20036

Construction - For more information  
write:

Associated Builders and Contractors, Inc  
P.O. Box 698  
Glen Burnie, Maryland 21061



National Association of Home Builders  
1625 L Street  
N.W., Washington, D.C. 20036

Data Processing and Computer -  
For more information write:

Data Processing Management Association  
505 Busse Highway  
Park Ridge, Illinois 60068

American Federation of Information  
Processing Societies, Inc.  
210 Summit Avenue  
Montvale, New Jersey 07645

Automation Institute of America, Inc.  
760 Market Street, Suite 600  
San Francisco, California 94102

Association of Computing Machinery  
1133 Ave. of the Americas  
New York, New York 10036

Education - For more information write:

National Education Association  
1201 - 16th Street  
N.W., Washington, D.C. 20036

American Federation of Teachers  
1042 - 14th Street  
N.W., Washington, D.C. 20005

Association for Childhood Education  
International  
3615 Wisconsin Avenue  
N.W., Washington, D.C. 20015

The Council for Exceptional Children  
Suite 900,  
1411 South Jefferson Davis Highway  
Arlington, Virginia 22202

American School Counselor Association  
1607 New Hampshire Avenue  
N.W., Washington, D.C. 20009

U.S. Department of Health, Education  
and Welfare  
Office of Education  
Washington, D.C.

The College Placement Council, Inc.  
P.O. Box 2263  
Bethlehem, Pa. 18001

Electronics - For more information write:

National Alliance of Television and  
Electronics Service Association  
5908 S. Troy Street  
Chicago, Illinois 60629

Electronics Industries Association  
2001 Eye Street  
N.W., Washington, D.C. 20006

Engineering - For more information write:

Engineers' Council for Professional  
Development  
345 East 47th Street  
New York, New York 10017

American Institute of Industrial  
Engineers, Inc.  
United Engineering Center  
345 East 47th Street  
New York, New York 10017

American for Engineering Education  
1346 Connecticut Avenue  
N.W., Washington, D.C. 20036

American Institute of Chemical Engineers  
345 East 47th Street  
New York, New York 10017

Institute of Electrical and Electronics  
Engineers, Inc.  
345 47th Street  
New York, New York 10017

The American Society of Mechanical  
Engineers  
United Engineering Center  
345 East 47th Street  
New York, New York 10017

The Society of Mining Engineers of AIME  
345 East 47th Street  
New York, New York 10017

American Society of Civil Engineers  
345 East 47th Street  
New York, New York 10017

Environment - For more information write:

Ecological Society of America  
Department of Botany  
Southern Illinois University  
Carbondale, Illinois 62901

Institute of Environmental Sciences  
940 East Northwest Highway  
Mt. Prospect, Illinois 60058

Soil Conservation Society of America  
7515 N.E. Ankeny Road  
Ankeny, Iowa 50021

National Environmental Health  
Association  
1600 Pennsylvania Street  
Denver, Colorado 80203

Society of American Foresters  
1010 - 16th Street  
N.W., Washington, D.C. 20036

The American Forestry Association  
1319 - 18th Street  
N.W., Washington, D.C. 20036

American Geological Institute  
2201 M Street N.W.  
Washington, D.C. 20037

Interagency Board of U.S. Civil Service  
Examiners for Washington, D.C.  
1900 E Street, N.W.  
Washington, D.C. 20415

American Meteorological Society  
45 Beacon Street  
Boston, Mass. 02108

American Geophysical Union  
2100 Pennsylvania Avenue, N.W.  
Washington, D.C. 20037

International Oceanographic Foundation  
1 Rickenbacker Causeway  
Virginia Key, Miami, Fla. 33149

U.S. Civil Service Commission  
Washington, D.C. 20250

Employment Division  
Office of Personnel  
U.S. Dept. of Agriculture  
Washington, D.C. 20250

Food Service and Processing -  
For more information write:

Institute of Food Technologists  
176 West Adams Street  
Chicago, Illinois 60603

American Meat Institute  
59 East Van Buren Street  
Chicago, Illinois 60605

National Dairy Council  
111 North Canal Street  
Chicago, Illinois 60606

The Institute of Food Technologists  
Suite 2120  
221 North LaSalle Street  
Chicago, Illinois 60601

Government - For more information write:

United States Civil Service Commission  
c/o Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

Health and Medicine - For more information  
write:

American Hospital Association  
840 North Lake Shore Drive  
Chicago, Illinois 60611

National Health Council, Inc.  
1740 Broadway  
New York, New York 10019

American Medical Record Association  
875 North Michigan Avenue, Suite 1850  
Chicago, Illinois 60611

American Association of Medical Assistants  
200 East Ohio Street  
Chicago, Illinois 60611

American Medical Association  
Department of Health Manpower  
535 North Dearborn Street  
Chicago, Illinois 60610

American Dental Association  
Council on Dental Education  
211 East Chicago Avenue  
Chicago, Illinois 60611

American Dietetic Association  
Publications Department  
620 North Michigan Avenue  
Chicago, Illinois 60611

National Association for Mental Health  
10 Columbus Circle  
New York, New York 10019

National League for Nursing  
10 Columbus Circle  
New York, New York 10019

American Optometric Association  
7000 Chippewa Street  
St. Louis, Missouri 63119

American Physical Therapy Association  
1156 - 15th Street  
N.W., Washington, D. C. 20005

Registry of Medical Technicians  
P.O. Box 4872  
Chicago, Illinois 60680

Hospitality and Recreation -  
For more information write:

National Recreation and Park  
Association  
1700 Pennsylvania Avenue  
N.W., Washington, D.C. 20006

American Hotel and Motel Association  
Kellogg Center  
East Lansing, Michigan 48823

American Association for Health  
Physical Education and Recreation  
1201 - 16th Street  
N.W. Washington, D.C. 20036

Industry, Machine and Tool Trades -  
For more information write:

The American Society for Metals  
Metals Park, Ohio

Scientific Apparatus Makers Association  
370 Lexington Avenue  
New York, New York 10017

Insurance Occupations -  
For more information write:

National Association of Public  
Insurance Adjusters  
1613 Munsey Bldg.  
Baltimore, Md. 21202

Institute of Life Insurance  
277 Park Avenue  
New York, New York 10017

Insurance Information Institute  
110 William Street  
New York, New York 10038

Mathematics Occupations -  
For more information write:

American Mathematical Society  
P.O. Box 6248  
Providence, R.I. 02904

Mathematical Association of America  
1225 Connecticut Avenue, N.W.  
Washington, D.C. 20036

Association for Computing Machinery  
1133 Avenue of the Americas  
New York, New York 10036

Society for Industrial and Applied  
Mathematics  
33 South 17th Street  
Philadelphia, Pa. 19103

Personal Services - For more information  
write:

Society of American Florists  
901 North Washington Street  
Aldexandria, Virginia 22314

Retail Jewelers of America, Inc..  
1025 Vermont Avenue  
N.W., Washington, D.C. 20005

Gemological Institute of America  
11940 San Vicentee Blvd.  
Los Angeles, California

National Society of Interior Designers  
315 East 62nd Street  
New York, New York 10021

Institute of Life Insurance  
277 Park Avenue  
New York, New York 10017

Associated Master Barbers and Beauti-  
cians of America  
219 Greenwich Road  
Charlotte, North Carolina 28211

American Institute of Laundering  
Joliet, Illinois 60434

Sales - For more information write:

National Automobile Dealers Association  
2000 K Street  
Washington, D.C. 20006

National Association of Real Estate  
Boards  
155 East Superior Street  
Chicago, Illinois 60611

The National Retail Merchants Association  
100 West 31st Street  
New York, New York 10001

The National Association of  
Wholesaler-Distributors  
1725 K Street  
N.W., Washington, D.C. 20006

Sales and Marketing Executive  
International  
Student Education Division  
630 Third Avenue  
New York, New York 10017

Science - For more information write:

American Astronomical Society  
211 Fitz Randolph Road  
Princeton, New Jersey 08540

American Institute of Biological  
Sciences  
3900 Wisconsin Avenue  
N.W., Washington, D.C. 20016

Entomological Society of America  
4603 Calvert Road  
College Park, Maryland 20740

American Society for Microbiology  
1913 "I" Street  
N.W., Washington, D.C. 20006

American Chemical Society  
1155 - 16th Street  
N.W., Washington, D.C. 20036

American Geological Institute  
2201 M Street  
N.W., Washington, D.C. 20036

Society of Exploration Geophysics  
Box 3098  
Tulsa, Oklahoma 74101

The American Meteorological Society  
45 Beacon Street  
Boston, Mass. 02108

American Society of Horticultural  
Science  
615 Elm Street  
St. Joseph, Mich. 49085

Manufacturing Chemists' Association, Inc.  
1825 Connecticut Avenue, N.W.  
Washington, D.C. 20009

American Institute of Physics  
335 East 45th Street  
New York, New York 10017

Interagency Board of U.S. Civil Service  
Examiners for Washington, D.C.  
1900 E Street, N.W.  
Washington, D.C. 20415

Social Science Occupations -  
For more information write:

The American Anthropological Association  
1703 New Hampshire Avenue, N.W.  
Washington, D.C. 20009

Smithsonian Institute  
Washington, D.C. 20560

American Economic Association  
1313 21st Avenue South  
Nashville, Tenn. 37212

The Foreign Service in the Seventies  
U.S. Department of State, Publication  
8535  
Washington, D.C. 20520 Free

Association of American Geographers  
1710 16th Street, N.W.  
Washington, D.C. 20009

Social Work - For more information write:

National Association of Social Workers  
1425 H Street  
N.W., Washington, D.C. 20005

National Center for Church Vocations  
1307 South Wabash Avenue  
Chicago, Illinois 60605

Transportation - For more information  
write:

American Trucking Association  
1616 P Street  
N.W., Washington, D.C. 20036

The Association of American Railroads  
Public Relations Department  
1920 L Street  
N.W., Washington, D.C. 20006

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GUEST SPEAKER AND FIELD TRIP SITE LISTING

NAME	ADDRESS	CONTACT REPRESENTATIVE	TELEPHONE	FIELD TRIP	GROUP SIZE	GRADE LEVEL	GUEST SPEAKER
Allstate Insurance Co.	4800 E. 63rd Kansas City, MO	John Irish	816-333-6800	Yes	20	11-16	No
Archias Floral Co.	4th & Park Sedalia, MO	Don King	826-4000	Yes	20	K-12	Yes
Attorney at Law	Warsaw, MO	Edwin F. Brady	438-5116	No	0	0	Possibly
Ault's Skelly Station	1570 S. Odell Marshall, MO	Bob Ault	886-6792	Yes	20	7-9	No
B & E Market	1701 S. Kentucky	Jim Dick	826-2188	Yes	30	3-12	No
Banquet Foods	253 W. Marion St. Marshall, MO	Caton Martin	886-3301	Yes	20	4-9	Possibly
Ben's Den	1421 S. Limit	Jack Smith	827-2485	No	0	0	Possibly
Benton County Enterprise	Warsaw, MO	Mahlon White	438-6312	No	0	0	Possibly
Benton County R-I	Cole Camp, MO	Vergil Oglevie	668-4427	No	0	0	Possibly
Benton County R-IX	Warsaw, MO	John Boise	438-7351	No	0	8-10	Yes
Bohling Grocery	Cole Camp, MO	Mr. E. G. Bohling		No	0	0	Possibly
Boonslick Regional Library	6th & Lamine	Ms. Corley	826-6195	Yes	20	K-9	Possibly
Borchers & Helmscott	Cole Camp, MO	Ervin Borchers	668-4923	No	0	0	Possibly
Bothwell Hospital Physical Therapy	Sedalia, MO	Nevin Almquist	826-8833	Yes	7-15	7-12	Yes
Bothwell Hospital	Sedalia, MO	Marie Nicholson	826-8833	Yes	20	12-16	No



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Breech Academy-TWA	6300 Lamar Avenue Mission, in	Mickey Holiday	842-4000	Yes	20	11-16	Yes
Brick Mason	RFD 3 Warsaw, MO	Lee Slavens	438-536	No	0	0	Possibly
Dala's Botique	Tipton, MO	Dala Yantz	433-2626	No	0	0	Yes
Broadway Lanes, Inc.	2119 W. Broadway	Edith Simons	827-0404	Yes	Large	K-14	Possibly
Broadway Car Wash	310 W. Broadway	Dale Arms	826-0375	Yes	25-30	1-12	No
Brown, McCloskey, Buckley	301 E. 5th St.	Mabel Glenn	826-7373	No	0	0	No
Business Mens Assurance	BVA Building Kansas City, MO	Almeta Wilcher	753-8000	Yes	20	11-16	No
Cablevision, Inc.	600 S. Osage	Lynn Harrison	826-0933	Yes	20	5-9	Possibly
Cargill Incorporated	Marshall, MO	Jack Hartwick	886-7473	Yes	20-25	9	Possibly
Cargill Nutrena Feeds	Smithton, MO	Gene Hudiburg	343-5319	Yes	10	7-12	Yes
Classic Studio	6th & Kentucky	Ed Brummett	826-8888	Yes	5-10	7-12	Yes
Commerce Bank	10th & Walnut Kansas City, MO	John Wells	234-2000	Yes	20	11-16	No
Conalco	West Highway 50	Russ Woodyard	827-1712	Yes	30	6-12	Yes
Consumers Supermarket	Hancock & Broadway	Bill Smillie	827-3190	Yes	15	K-12	Yes
Creasy's Insurance Agency	Warsaw, MO	Gordon Creasy	438-5621	No	0	0	Yes
C. W. Flower Co.	219 S. Ohio	Mrs. Austin	826-3200	Yes	15-20	11-16	Yes
DeKalb Ag. Research	Marshall, MO	Don Wert	886-7438	Yes	10-40	5-9	Possibly

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DeLong Dry Goods	Warsaw, MO	Mrs. DeLong	438-5307	No	0	0	Possibly
Democrat News	Marshall, MO	Jerry Arnett	886-2233	Yes	25	7-9	Yes
Dentist	Warsaw, MO	Dr. Shepardon	438-5421	No	0	0	No
Dentist	1810 W. 11th	Dr. Robert Vit	826-5445	No	0	K-12	No
Doctor of Osteopathy	1701 S. Lafayette	Dr. Joe Bennett	826-6633	Yes	5 at a time, 40 max	7-12	Yes
Duke Manufacturing	Main & Duke Road	Ivan Stuart	827-2661	Yes	10	4-12	No
Durham Chevrolet	Warsaw, MO	Cloyd Durham	438-5133	Yes	10	8-12	Yes
Ester's 66 Station	Warsaw, MO	Gary Estes	438-6022	No	0	0	Possibly
Kajen's Inc.	Warsaw, MO	Mary Wray	438-5111	Yes	30	1-12	Possibly
Farmer's Bank of Lincoln	Lincoln, MO	Karl Kroenke	547-3311	Yes	12-15	9-12	Possibly
Fire Department	Main St. & State Fair Blvd.	Ronnie Ollison	826-9058	Yes	15-20	K-12	Yes
Flat Creek Vet. Hosp.	1701 W. Main	Dr. Penscock	827-2057	Yes	10-15	K-12	Yes
Bill Greer Body Shop	Main Street	Orval Burd	827-2162	Yes	5	10-12	No
Hallmark	25th & McGee	Rose A. Lightle	274-4667	Yes	20	11-16	Yes
Reinzler Bros. Welding	Marshall, MO	Frank Reinzler	886-7775	Yes	20-25	7-9	No
Holiday Inn	32nd & Limit	Jim Grieshaber	826-6100	Yes	40-50	8-9	Possibly
IBEW Local 814 Credit Union	2111 W. Broadway	June Kuhlman	826-0814	Yes	6 at a time	8-12	Possibly

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IGA	2402 W. Broadway	Ralph Huff	827-1452	Yes	25	K-12	Yes
Industrial Loan & Investment	120 W. Fifth	Firman Boul	826-4800	Yes	25	7-12	Yes
Jim's Garden Center	1000 W. Main	James L. Foster	826-4411	Yes	15	4-9	Possibly
Bob Johnson TV & Appliance	2907 W. Broadway	Ray Thompson Harold Richardson Paul Johnson	827-2326	Yes	15-20	7-12	Yes
KDRO Radio	W. Highway 50	Herb Brandes	826-5005	Yes	15	K-12	Possibly
Kim Originals	2500 E. Broadway	Bill Cline	826-2500	Yes	15	K-12	Possibly
KOMO-KMFI	Marshall, MO	Mr. Douglas	886-7422	Yes	20-25	7-9	Yes
KOS TV Station	2100 W. Broadway	Stuart Gressley	826-1651	Yes	15	K-12	Yes
KSIS Radio	N. 65 Highway	Carl Yates	826-1050	Yes	10	K-14	Yes
Lacuna Builders Inc.	1806 W. 11th	Bob Cook	826-0522	No	0	0	Yes
Lamm, Barnett, Crawford, Barnes, Fritz Law Firm	118 W. Fifth	Donald Barnes	826-5428	No	0	11-12	Yes
Lee's Archery Manufacturing	Route 2	LeRoy Young	826-6762	Yes	20	7-16	No
Lincoln New Era Newspaper	Lincoln, MO	George Williams	547-3800	Yes	Inquire	Inquire	Possibly
Macy's	1034 Main Kansas City, MO	Mrs. Cullen	221-3737	Yes	20	11-16	No
Magistrate Judge-Pettis County	901 S. Vermont	Hazel Palmer	826-8816	No	0	11-12	Yes
Marshall Chamber of Commerce	214 W. Lafayette	Leo Hayob	886-7464	No	0	7-9	Yes

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Pettis County Ambulance	626 E. 5th	Joe Wasson	826-5316	Yes	10-15	6-12	Possibly
Phyllis's Beauty Shop	Cole Camp, MO	Phyllis Templeton		No	0	0	Possibly
Pittsburgh Corning	16th & Missouri Pacific Spur	Rita Kenney	826-4660	No	0	0	No
Post Office	205 N. Lafayette Marshall, MO	Mr. Weislocker	886-6200	Yes	25	7-9	No
Post Office	405 E. 5th	Roy Hinton	826-8887	Yes	25-30	4-9	Possibly
Ramada Inn	3501 W. Broadway	Darrell Olsen	826-8400	Yes	15	5-12	Possibly
Reinhart Fajen, Inc.	Warsaw, MO	Eloise Atkins	438-5111	Yes	20	11-16	No
Rest Haven Retirement Home	1800 S. Ingram		827-0845	Yes	10	1-9	Possibly
Retail Bakery	6th & Ohio	Mr. Mallory	826-6920	Yes	20	K-9	Possibly
Rick's Body Shop	R. R. #2	Kick Geer	826-1157	Yes	25-30	7-12	No
Rival Manufacturing Co.	16th & Lamine	Jim Houchen	826-6600	Yes	15	4-12	Yes
Rival Manufacturing Co.	Miller's Park Plaza	Myra Price	827-3860	No	0	0	Yes
Scott's Jewelry	E. Highway 7 Warsaw, MO	Mr. Scott	438-5700	No	0	0	0
Sears	110 W. Third	Finis Galloway	826-6500	Yes	10	7-12	Yes
Bedalia Computer Service	210 E. 7th	Larry McRoy	827-1990	Yes	10-15	9-12	Yes
Bedalia Democrat	700 S. Mass.	Don Keller	826-1000	Yes	15	K-16	No
Bedalia Implement Co.	2205 S. Limit	John Joy	826-0466	Yes	15-25	7-12	Yes

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Marshall Floral & Greenhouse	160 W. Summit	Juanita Dametz	886-7177	Yes	20	7-9	Yes
Marshall State School & Hospital	Marshall, MO	M. L. Daughy	886-2202	Yes	30	12-16	Possibly
Mattingly's Variety Store	218 S. Ohio	Bill Stratton	826-5270	Yes	20	7-12	Yes
Merle Norman Cosmetics	120 S. Ohio	Sandra Boul	826-6430	No	0	11-16	Yes
MFA Claims Adjustment Office	2002 W. 14th	Steve Overman	827-0670	No	0	0	Yes
MFA Implement	Lincoln, MO	Clarence Frisch	547-3318	Possibly	Inq.	Inq.	Possibly
MFA Insurance	1817 W. Broadway	Vic Ohman	445-8441	Yes	20	11-16	No
Missouri Division of E. S.	215 E. Fifth	Bill Giles	826-8184	Yes	25	11-12	Yes
Missouri Pacific Railroad	210 N. 13th St. St. Louis, MO	D. M. Tutke	314-2944	Yes	Arr.	7-12	Possibly
Missouri State Bank	917 S. Limit	William Claycomb	826-1213	Yes	20-25	4-12	Possibly
Missouri State Fair	Box 111	Myrna Ragar	826-0570	Yes	30	3-7	Possibly
Missouri Valley College	Marshall, MO	Gordon Imley	886-6924	No	0	9-12	Yes
McIel Cleaners	Warsaw, MO	Richard Kingma	438-5831	Yes	20	K-12	No
Ollison's Garage	3809 E. 12th	Keith Ollison	826-4077	No	0	0	Yes
Patricia Stephens Modeling Finishing School	4638 Nichols Parkway Kansas City, MO	Sue Peterson	531-5866	Yes	60	7-12	Yes
Pepsi-Cola Bottling Co.	Sedalia, MO	W. C. Ream	826-8144	Yes	30	4-9	Possibly

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Sedalia Memorial Airport	E. Highway 50	James Addas	826-9796	Yes	Small	K-14	Possibly
Sedalia Police Department	3rd & Osage	Bill Miller	826-0214	Yes	10-15	9-12	Yes
Sedalia Water Department	111 W. 4th	C. H. Taylor	826-1234	Yes	15	K-16	Possibly
Sheriff's Department	Warsaw, MO	Bob Eneashears	438-5252	No	0	0	No
Paul Shinn Oil Company	RFD 3 Warsaw, MO	Paul Shinn	438-5013	No	0	0	No
Sound Shop	1716 W. Ninth	Al Reese	827-2223	Yes	20	K-12	Yes
Southwestern Bell Telephone	220 E. 5th St.	Bob Johnson	826-9800	Yes	25	K-12	Yes
State Fair Community College	1000 Clarendon Road	Fred Davis	826-7100	Check with Betty Blackwell			
The Craft Shop	318 S. Ohio	Mrs. Boatman	827-3041	Yes	15-20	5-12	Possibly
Third National Bank	301 S. Ohio	Bob McDonald	826-0611	Yes	30-40	6-9	Possibly
Town and Country Shoes	201 N. Missouri	Charles Rayl	826-4490	Yes	Small	All Y	Yes
Tullis Hall Dairy Co.	541 E. 5th	Mr. Funnell	826-3030	Yes	10	3-12	No
Tygart & Arth Body Shop	207 E. Belle Marshall, MO	Ray Arth	886-3933	Yes	25	7-8	Yes
Unitog	Warsaw, MO	Osborne McMillen	438-5117	Yes	Arr.	7-12	No
Veterinary	Cole Camp, MO	Dr. Taylor	668-4523	No	0	0	No
Walker Publishing Co.	2016 W. Main	Mark Kitch	826-8200	Yes	15	5-12	Yes
Warren Grocery	Green Ridge, MO	Mr. Warren	527-3317	No	0	0	No

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Warsaw Auto Supply	Warsaw, MO	Stan Intelman	438-7321	Yes	Small	1-14	No
Warsaw Veterinary Clinic	Warsaw, MO	Dr. Polf	438-7333	No	0	0	No
Wilken Music	Thompson Hills	Mr. Wilken	826-9356	Yes	10	4-12	Yes
Wilson's Co., Inc.	Box 340 Marshall, MO	Don Nutten	886-5522	Poss.	12	7-12	Possibly
W. K. Garage	Cole Camp, MO	Walt Weymuth	668-4421	Yes	25-30	7-12	Yes
Wood & Huston Bank	27 North Street Marshall, MO	Mr. Mitchell	886-5575	Yes	25	7-9	Yes
Zephyr Manufacturing Co.	400 W. 2nd St.	C. M. Huddleston	827-0352	Yes	10-15	4-9	Possibly

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